

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032719\
 Data File : VN054709.D
 Acq On : 27 Mar 2019 9:35
 Operator : JC/SP
 Sample : VN0327MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327MBL01

Quant Time: Mar 28 06:40:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	512229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	800035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	678929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	329401	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	259451	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.09	98	969425	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	292862	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

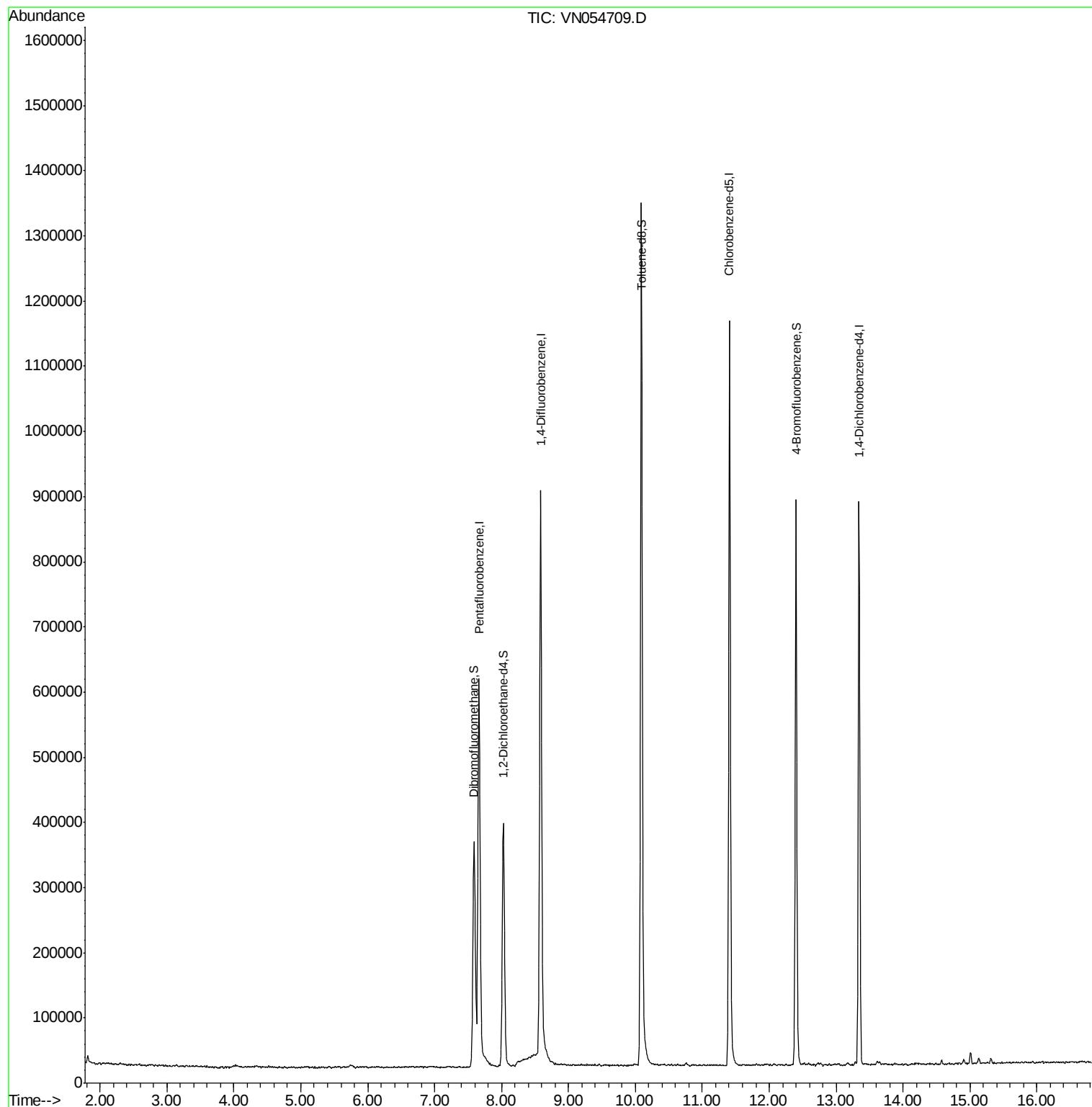
Target Compounds	Qvalue

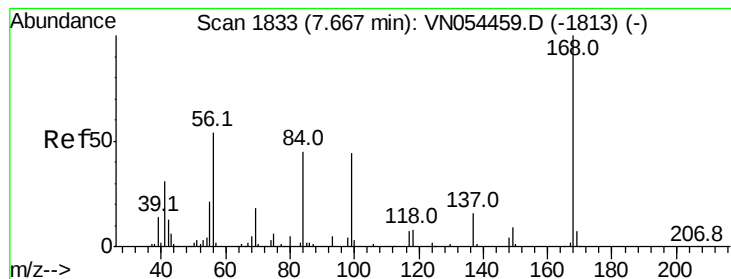
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054709.D

Acq: 27 Mar 2019 9:35

Instrument :

MSVOA_N

ClientSampleId :

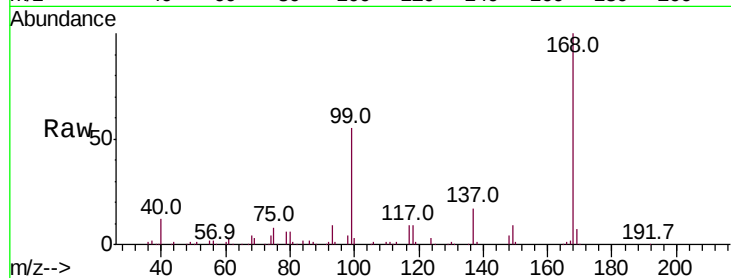
VN0327MBL01

Tot Ion:168 Resp: 512229

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

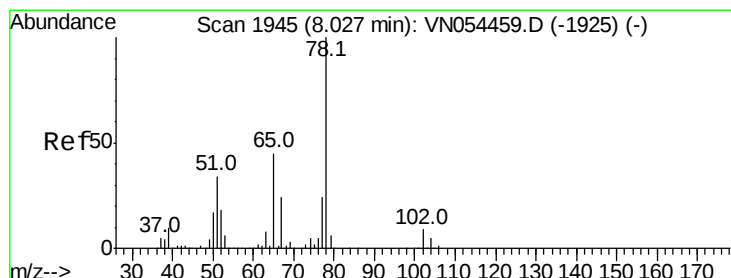
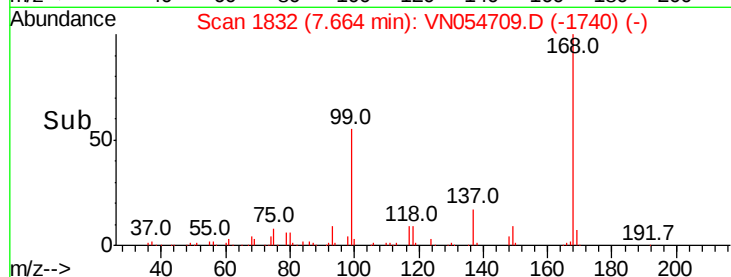
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.701 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054709.D

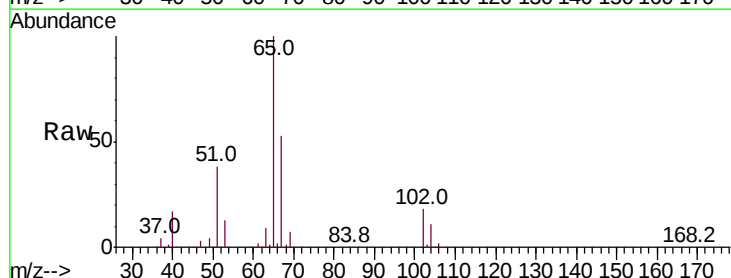
Acq: 27 Mar 2019 9:35

Tgt Ion: 65 Resp: 329401

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

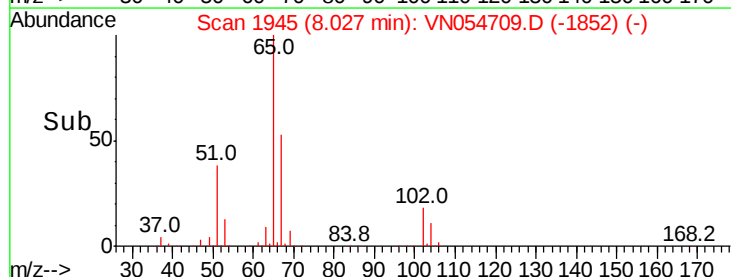
150000

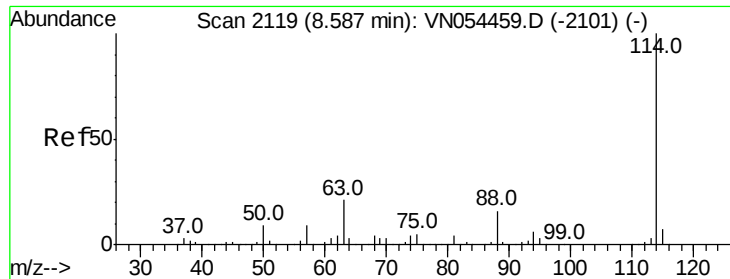
100000

50000

0

Time-->

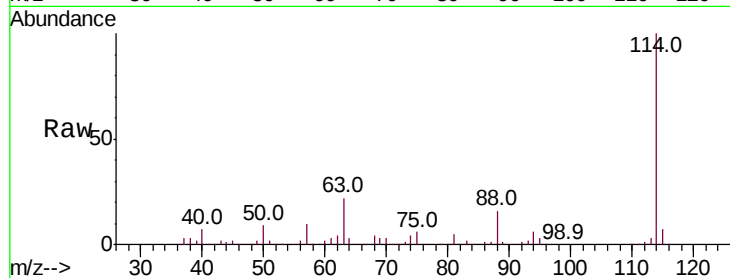




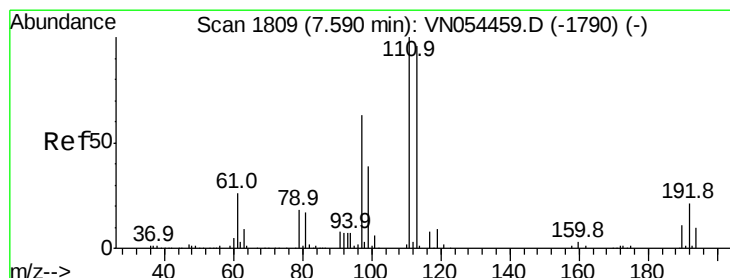
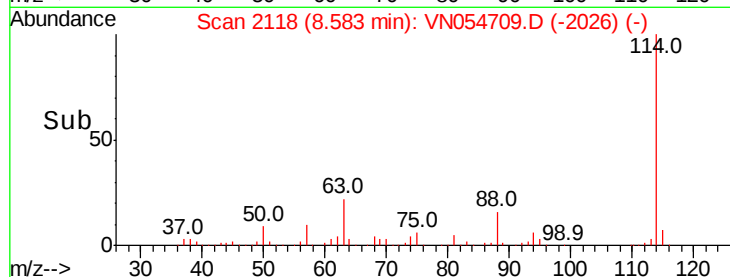
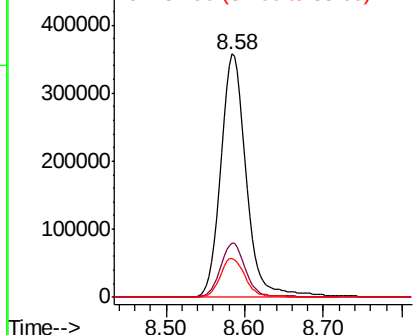
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054709.D
 Acq: 27 Mar 2019 9:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327MBL01

Tot Ion:114	Resp:	800035
Ion Ratio	Lower	Upper
114 100		
63 22.3	0.0	35.2
88 15.8	0.0	30.2

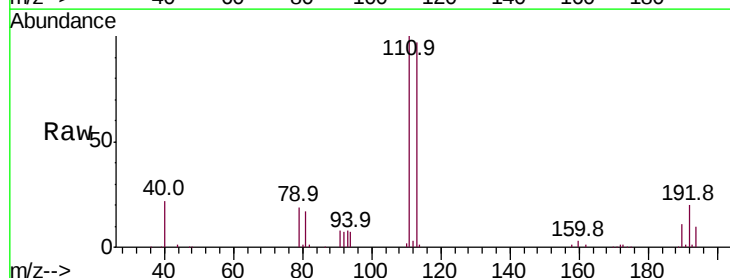


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

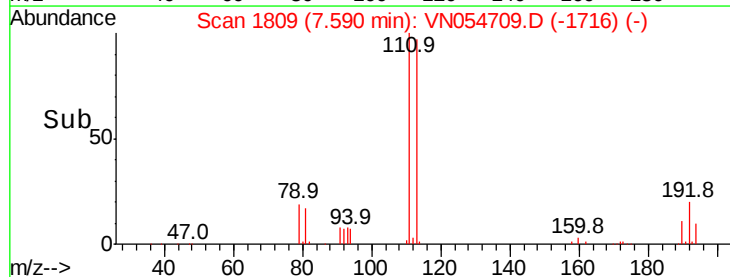
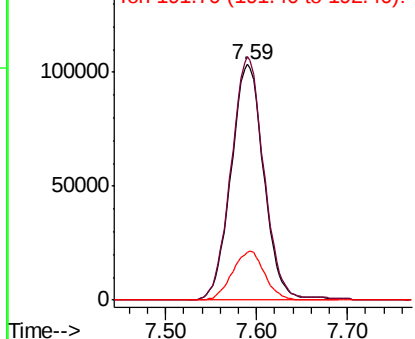


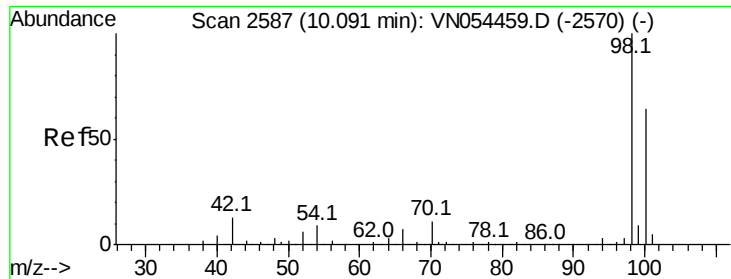
#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054709.D
 Acq: 27 Mar 2019 9:35

Tgt Ion:113	Resp:	259451
Ion Ratio	Lower	Upper
113 100		
111 103.9	82.2	123.4
192 20.6	19.2	28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.030 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054709.D

Acq: 27 Mar 2019 9:35

Instrument :

MSVOA_N

ClientSampled :

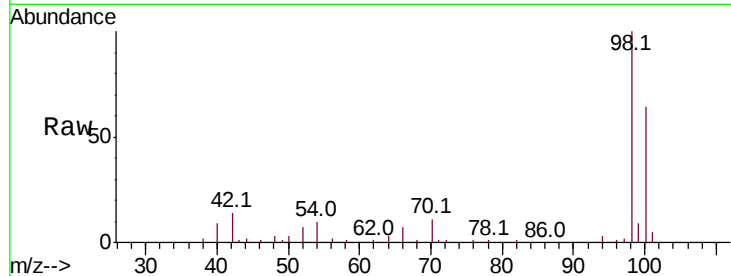
VN0327MBL01

Tot Ion: 98 Resp: 969425

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

500000

400000

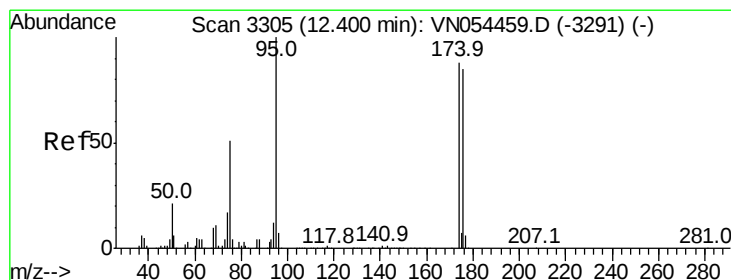
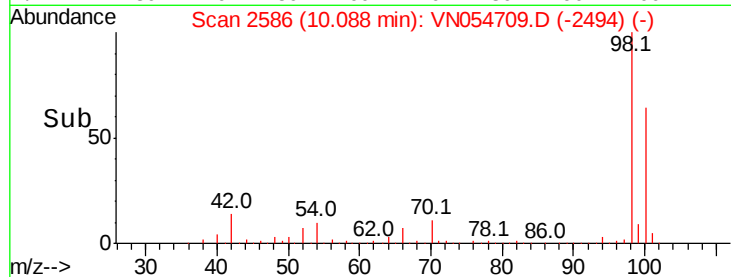
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.416 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054709.D

Acq: 27 Mar 2019 9:35

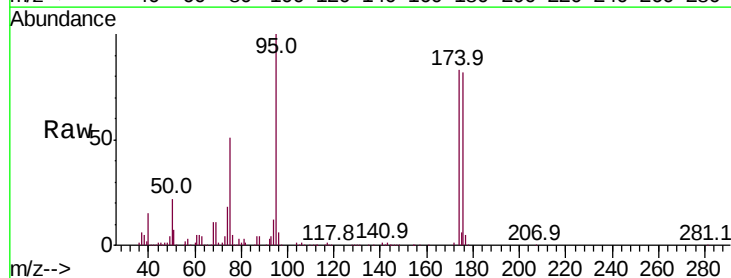
Tgt Ion: 95 Resp: 292862

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

200000

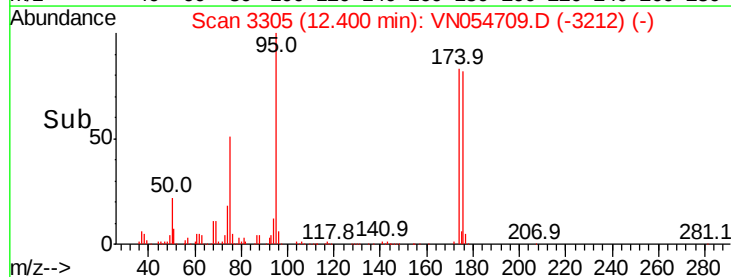
150000

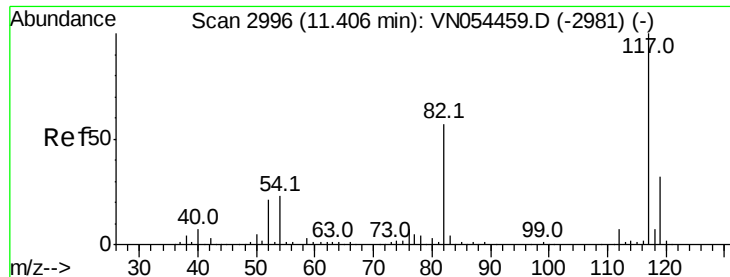
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054709.D

Acq: 27 Mar 2019 9:35

Instrument :

MSVOA_N

ClientSampleId :

VN0327MBL01

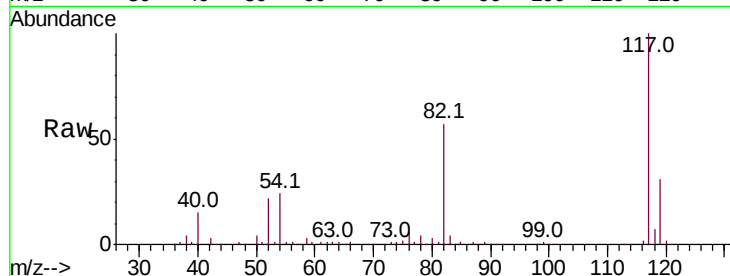
Tot Ion:117 Resp: 678929

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

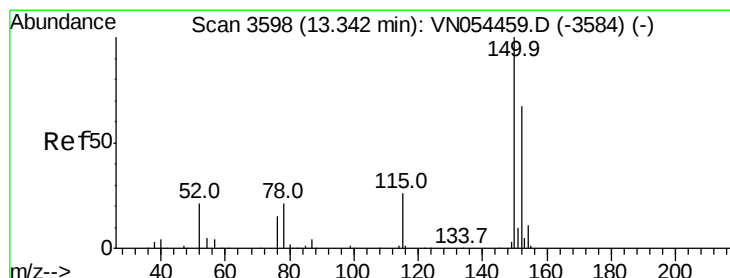
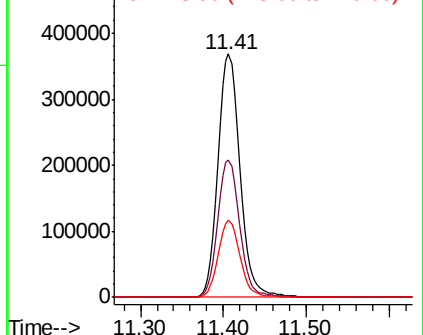
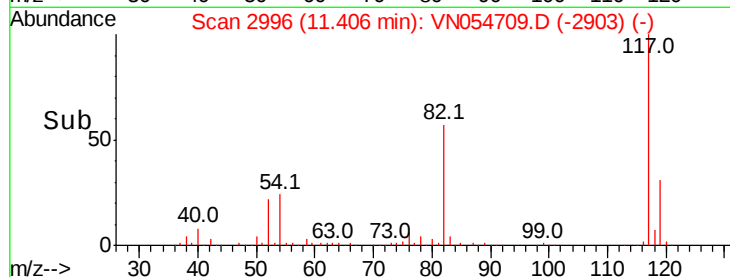
119 31.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054709.D

Acq: 27 Mar 2019 9:35

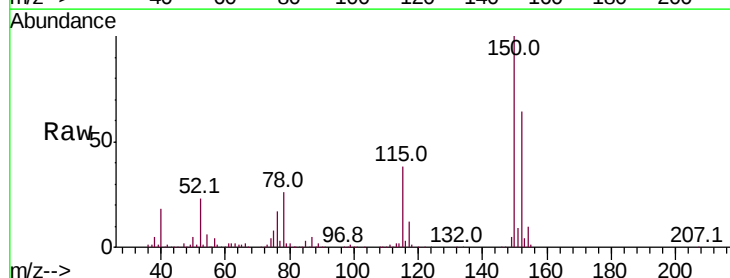
Tgt Ion:152 Resp: 230161

Ion Ratio Lower Upper

152 100

115 58.5 27.2 81.6

150 156.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

